

# EAST Search History

R.A.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	57	(law near3 ho\$2kee)   (dong near3 sheng)   (prabhu near3 amal)   (kikuchi near3 toshiki)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 16:38
S2	39660	joy\$1stick\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 16:38
S3	2	S1 & S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 16:42
S4	170	(joy\$2pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 16:43
S5	118	(joy\$2pad same joy\$1stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 16:51
S6	4	("6977811"   "7038717").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 16:58
S7	1456	(((((cursor   direction\$2   navigation\$2)   joy\$1pad   (joy adj pad)) near3 (key\$1   pad\$1   button\$1   switch\$2)) with (joy\$1stick   (stick near3 (mouse   track   cursor))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:14
S8	56	((integrat\$3   combin\$3) same (((cursor   direction\$2   navigation\$2)   joy\$1pad   (joy adj pad)) near3 (key\$1   pad\$1   button\$1   switch\$2)) with (joy\$1stick   (stick near3 (mouse   track   cursor))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:04
S9	1503	(((((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)) with (joy\$1stick   (stick near3 (mouse   track   cursor))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:16

## EAST Search History

S10	60	(((((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)) with (joy\$1stick   (stick near3 (mouse   track   cursor)))) same (integrat\$3   combin\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:18
S11	4	S10 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:17
S12	136	(((((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)) with (joy\$1stick   (stick near3 (mouse   track   cursor)))) same (surround\$3   "near"   adjacent   encircl\$3   neighbor\$3   clos\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:25
S13	131	S12 not (S10   S8)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:26
S14	193	(((((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)) with (joy\$1stick   (stick near3 (mouse   track   cursor)))) same (both   together))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 12:32
S15	162	S14 not (S10   S8   S13)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:26
S16	8	("20040041787" "4769517" "5541622" "5675309").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/29 17:35
S17	25	("20020165005"   "20020196234"   "20030081016"   "20030117374"   "20030162540"   "5473347"   "6278442"   "6313731"   "6323845"   "6388660"   "6396482"   "6424843"   "6437682"   "6452588"   "6489950"   "6628511"   "6677927"   "6726106"   "6758615"   "6763226"   "D416256"   "D433460"   "D460493"   "D461803"   "D464995").PN. OR ("6977811").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/29 17:37

## EAST Search History

S18	2012	((joy\$1stick   (stick near3 (mouse   track   cursor))) same (((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 12:38
S19	507	((joy\$1stick   (stick near3 (mouse   track   cursor))) same (((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)) same (middle   between   center\$2   in\$1between   central   mid\$1point  median))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 12:41
S20	149	((joy\$1stick   (stick near3 (mouse   track   cursor))) with (((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)) with (middle   between   center\$2   in\$1between   central   mid\$1point  median))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:12
S21	197661	("345"/\$!.ccls.   "361"/\$!.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 12:53
S22	100	(S19 & S21) not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:01
S23	258	S19 not (S20   S22)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:49
S24	2	((joy\$1stick   (stick near3 (mouse   track   cursor))) with (((multi\$1function\$3) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)) with (middle   between   center\$2   in\$1between   central   mid\$1point  median))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:13
S25	9	((joy\$1stick   (stick near3 (mouse   track   cursor))) with (((multi\$1function\$3   manipul\$5) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$1pad   (joy adj pad)) with (middle   between   center\$2   in\$1between   central   mid\$1point  median))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:13

## EAST Search History

S26	1491	(345/161.   361/686).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:14
S27	1885	(joy\$1stick same (((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$2pad   (joy adj2 pad)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:16
S28	1400	(joy\$1stick with (((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$2pad   (joy adj2 pad)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:16
S29	158	((integrat\$3   combin\$3   surround\$3   both   together   middle   center\$2   between   in\$1between) with joy\$1stick with (((cursor   direction\$2   navigation\$2) near3 (key\$1   pad\$1   button\$1   switch\$2))   joy\$2pad   (joy adj2 pad)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:17
S30	24	("4575591"   "4786768"   "4825019"   "4945357"   "5034574"   "5065146"   "5140313"   "5343219"   "5476261"   "5532476"   "5541622"   "5615083"   "5805141").PN. OR ("5883690"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/30 13:23
S31	1	("2002/0151282").URPN.	USPAT	OR	OFF	2006/12/30 13:24
S32	0	("2004/0085289").URPN.	USPAT	OR	OFF	2006/12/30 13:25
S33	25	("20020165005"   "20020196234"   "20030081016"   "20030117374"   "20030162540"   "5473347"   "6278442"   "6313731"   "6323845"   "6388660"   "6396482"   "6424843"   "6437682"   "6452588"   "6489950"   "6628511"   "6677927"   "6726106"   "6758615"   "6763226"   "D416256"   "D433460"   "D460493"   "D461803"   "D464995").PN. OR ("6977811"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/30 13:27
S34	24	("5231386"   "5429006"   "5550339"   "5744765"   "5824978"   "5828363"   "5912612"   "5926440"   "5949325"   "5986228").PN. OR ("6313731").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/30 13:28

## EAST Search History

S35	394	(thumb near4 joy\$1stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:52
S36	1	(bevel\$3 near4 joy\$1stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:53
S37	40	(bevel\$3 same joy\$1stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 13:54
S38	6	(bevel\$3 same (circul\$3   circl\$3   round\$3   spher\$5) same joy\$1stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 14:08
S39	5	(joy\$2pad   (joy adj2 pad)) same (touch adj pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 14:10
S40	2144	(joy\$2stick) with (touch adj pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 14:11
S41	102	(joy\$2stick) with (touch adj pad) with (integrat\$3   combin\$3   surround\$3   both   together   middle   center\$2   between   in\$1between)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 14:11
S42	1	2001-256112.NRAN.	DERWENT	OR	OFF	2006/12/30 14:31
S43	0	(analog near4 continuos near4 joy\$stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:41
S44	0	(analog with continuos with joy\$stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:42
S45	7	(analog near4 continuous near4 joy\$stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:41
S46	11	(analog with continuous with joy\$stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:45

## EAST Search History

S47	4	S46 not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:42
S48	573	((analog   continuous) near3 joy\$stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:46
S49	481	((analog   continuous) near2 joy\$stick)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:47
S50	117	S21 & S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:46
S51	0	((analog   continuous) same joy\$stick same bevel same(circul\$3   circl\$3   round\$3   spher\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/01 12:37
S52	1	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5)) & bevel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:53
S53	1	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk)) & bevel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:54
S54	3	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk)) & bevel\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:55
S55	143	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk)) & (flush\$3   level   even)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 15:56
S56	22	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) same (flush\$3   level   even))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:04
S57	13	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) same (edge\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:06
S58	10	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) same (slant\$3   inclin\$3   slop\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:07

## EAST Search History

S59	10	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) same (thumb   digit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:08
S60	12	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) same (thumb   digit   finger))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:08
S61	49	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) & (thumb   digit   finger))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:10
S62	9	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) same (cap   cover   top))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:12
S63	1	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) same (concave   convex))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:12
S64	14	((analog   continuous) same joy\$stick same (circul\$3   circl\$3   round\$3   spher\$5   curv\$2   disk) & (concav\$3   convex\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/30 16:13
S65	8	("4499895"   "4895431"   "5007406"   "5159446"   "5255668"   "5279559"   "5373317"   "6569086").PN. OR ("6752758").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/30 16:15
S66	1	2001-256112.NRAN.	DERWENT	OR	OFF	2007/01/01 12:24
S67	1	((analog   continuous) same joy\$stick same bevel\$7 same(circul\$3   circl\$3   round\$3   spher\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/01 12:37
S68	2	"7038717".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/01 12:57
S69	33	("4027119"   "4297542"   "4349708"   "4414438"   "4459440"   "4509383"   "4614847").PN. OR ("4769517").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/01 12:59
S70	6072	(345/156,161).ccls.   (361/686).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/14 14:33